? show files
[File 347] JAPIO Dec 1976-2007/Dec(Updated 080328)

[File 350] Derwent WPIX 1963-2008/UD=200839

; d s
Set Items Description
S1 537278 S ((CELLPHONE? ? OR CELL()PHONE? ? OR (CELLULAR OR PORTABLE OR MOBILE)(1W)(TELEPHON?? OR PHONE? ? OR COMMUNICAT? OR TELECOM?) OR WIRELESS(1W)(TELEPHON?? OR PHONE? ?) OR SMARTPHONE? ? OR SMART()(PHONE? ? OR TELEPHONE? ?) OR COMMUNICATOR? ?) OR (MOBILE OR PORTABLE OR WIRELESS OR HANDHELD OR HAND()HELD OR TABLET)(1W)(CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? ? OR UNIT? ? OR APPARATUS?? OR ORGANIZER? ? OR ORGANISER? ? OR TERMINAL? ? OR APPLIANCE? ? OR NODE? ? OR RECEIVER? ? OR STATION? ?))
S2 11586 S (((CHANG? OR SWITCH? OR VARY?)(3N)(ATTRIBUTE? ? OR FLAG? ? OR INDICAT? OR PARAMETER? ? OR VARIABLE? ? OR VALUE? ? OR INPUT? ? OR FEATURE? ? OR CHARACTERISTIC? ?)) OR (SEE OR SEEN OR SEEING OR VIEW? OR LOOK? OR OPEN? ? OR WATCH? OR DISPLAY? OR READ?))(5N)(ONCE OR ONE()TIME OR ONETIME OR ONCE()OVER)
S3 490261 S (PIN OR PERSONAL()IDENTIFICATION()NUMBER? ? OR PASSWORD? ? OR PASSCODE? ? OR PASSPHRASE? ? OR (PASS OR SECRET)()(WORD? ? OR CODE? ? OR PHRASE? ?) OR CODEWORD? ? OR CODE()WORD? ? OR SECRET? ? OR CREDENTIAL? ?)
S4 3584556 S (LOCK? OR BLOCK? OR PROTECT? OR LATCH? OR UNAUTHORI? OR RESTRICT?)
S5 162 S S2 AND S3 AND S4
S6 20 S S5(100N)S1
S7 6404676 S (FILE? ? OR RECORD? ? OR MESSAGE? ? OR MSG? ? OR AUDIO? ? OR VIDEO? ? OR DOCUMENT? ? OR TEXT??? OR MESSAGE? ? OR MAIL OR EMAIL OR DATA OR INFORMATION OR CONTENT? ? OR OBJECT? ?)
S8 17 S S6 AND S7
S9 4 S S8 AND PY=1963:2003

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Subject summary

? t /3,k/all
9/3,K/1 (Item 1 from file: 350) Links
Fulltext available through: Order File History
Derwent WPIX

0013855501 & & *Drawing available*
WPI Acc no: 2004-033806/200403
XRPX Acc No: N2004-026887
Anonymity protection method in information system, involves enabling execution of relevant user's command, when disposable command password from user corresponds with stored information and is unused
Patent Assignee: IPDC LLC (IPDC-N); KRYVORUCHKO A (KRYV-I); SYVODID V (SYVO-I)
Inventor: KRYVORUCHKO A; SYVODID V
Patent Family (2 patents, 106 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030221110	A1	20031127	US 2002382890	P	20020523	200403	B
			US 2003441989	A	20030520		
WO 2004104725	A2	20041202	WO 2004US12398	A	20040422	200479	E

Priority Applications (no., kind, date): US 2002382890 P 20020523; US 2003441989 A 20030520

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20030221110	A1	EN	16	6	Related to Provisional	US 2002382890
WO 2004104725	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					

Anonymity protection method in information system, involves enabling execution of relevant user's command, when disposable command password from user corresponds with stored information and is unused Original Titles:Method of disposable command encoding (DCE) for security and anonymity protection in information system operations... ...METHOD OF DISPOSABLE COMMAND ENCODING (DCE) FOR SECURITY AND ANONYMITY PROTECTION IN INFORMATION SYSTEM OPERATIONS... ...PROCEDE DE CODAGE D'INSTRUCTIONS JETABLES (DCE) UTILISE DANS DES SYSTEMES D'INFORMATION A DES FINS DE SECURITE ET DE PROTECTION DE L'ANONYMAT Alerting Abstract ...NOVELTY - Each system-allowed command is encoded with disposable passwords generated in the information system. The disposable command passwords (DCP) are distributed to the users through protected communication channel. When the DCP entered by a user for accessing the resources, corresponds with the stored information and is unused, the DCP is marked as used and execution at relevant user's... USE - For anonymity protection in information system such as electronic transaction including electronic payment processing system, on-line banking system, credit bureaus, government institutions, medical record database... ...distributed to users through secured communication channel, forbids password reusability and enhances security in processing information system... ...DESCRIPTION OF DRAWINGS - The figure shows the functional block diagram of the information system. Title Terms .../Index Terms/Additional Words: INFORMATION; Class Codes Original Publication Data by AuthorityArgentinaPublication No. Original Abstracts:A method for secure user access to the information system through any open communications network consists in encoding of system-allowed user's directives by the disposable command passwords. Then the user obtains the authority to run the commands in the information system once only by means of receipt or purchase of their respective disposable command passwords. The open communications network includes the Internet, telephone lines, wireless, etc. The method offers both hardware and software independence. User can carry out the electronic transactions and... ... command encoding can be applied to electronic payment processing, online banking, money transfers. For disposable password distribution the system uses special password-carrying medium named netnote that the user purchases at a point of sale agent. The netnotes can be used... ... A method for secure user access to the information system through any open communications network consists in encoding of system-allowed user's directives by the disposable command passwords (104). Then the user obtains the authority to run the commands in the information system once only by means of receipt or purchase of their respective disposable command passwords. The open communications network includes the Internet, telephone lines... ... Cette invention concerne un procede d'acces utilisateur securise a un systeme d'information via un quelconque reseau de communications ouvert, consistant a coder des directives utilisateur agreees par le systeme au moyen de mots de passe jetables (104). L'utilisateur obtient alors l'autorisation d'utiliser les instructions du systeme d'information une seule fois au moyen d'un recu ou de l'achat des mots de passe jetables pour instructions. Le reseau de communications englobe Internet, des lignes telephoniques, des... Claims:We claim:1. A method for security protection in the information systems that provide a user with secure and anonymous access to its resources over communications networks without any data encryption, comprising the steps of:encoding of system-allowed commands by disposable passwords produced by a random-number generator built in the information system so as there are no two same passwords;storing generated passwords into the information system database for their further utilization;issuing and distributing generated and stored

disposable command passwords to information system users through the protected communications channel;for secure access to the information system resources through any insecure communications network, the user justifies the user's authority to run the certain commands by entering their corresponding disposable passwords;if the disposable command password entered by... ... with that stored in the system database and is marked as unused earlier, then the information system marks it up as used and executes the relevant user's command;if the disposable command password entered by user does not match that stored in the system database or is marked as already used, then the information system rejects the user's command.... Basic Derwent Week: 200403...

9/3,K/2 (Item 2 from file: 350) Links
Fulltext available through: Order File History
Derwent WPIX

0013612414 & & *Drawing available*
WPI Acc no: 2003-707667/200367
XRPX Acc No: N2003-565359
Central server operation controlling method for cellular phone, involves selecting data related to authorized user of cellular phone, from electronic database based on preassigned access level for display
Patent Assignee: WEDEKING J K (WEDE-I)
Inventor: WEDEKING J K
Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6600915	B1	20030729	US 199744581	P	19970422	200367	B
			US 1997987188	A	19971208		

Priority Applications (no., kind, date): US 199744581 P 19970422; US 1997987188 A 19971208

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6600915	B1	EN	9	8	Related to Provisional	US 199744581

Central server operation controlling method for cellular phone, involves selecting data related to authorized user of cellular phone, from electronic database based on preassigned access level... Alerting Abstract ...NOVELTY - An electronic database is searched to obtain the data related to an authorized user of the telephone. The data such as telephone type and telephone manufacturer, related to the authorized user is selected based... ... USE - For controlling central server in authorized user determination system (claimed) of cellular phones.... ... ADVANTAGE - Enables simple, fast and effective detection of unauthorized users of cellular phones irrespective of geographical locations thereby minimizing inconvenience to authorized usersTitle Terms .../Index Terms/Additional Words: DATA; Class Codes Original Publication Data by AuthorityArgentinaPublication No. Original Abstracts: Systems and methods which enable fast and simple identification of unauthorized users of cellular telephones are described. In one embodiment, the system includes a plurality of remote computers capable of communicating, e.g., via... ... electronic database having a plurality of data entries stored therein. The data stored in the database relates to cellular telephones. When a remote computer initiates communication with the server, the server prompts the user to enter a name and password. The server then checks whether the user is an authorized (valid) server user, and if the user is authorized, the main menu is displayed at the remote computer. Once the operator selects Cellular Tracking/Recovery, then the server causes an electronic serial number (ESN) menu to be displayed... ... to select "Search for ESN" (or by mobile identification number (MIN)) to obtain the relevant data. Once the user selects "Search for ESN", the user is then prompted to input the ESN or MIN which... ... entered ESN or MIN in the database, and if a match is found, the relevant data is displayed at the remote computer. The type and amount of data displayed is controlled, in one embodiment, by the authorized access level of the user. ...Claims:mobile identification number, said method comprising the steps of: searching the electronic database to obtain data related to at least one authorized user of the telephone; selecting data to be displayed based on a preassigned access level; and displaying the data related to the at least one authorized user, the data related to at least one authorized user comprising telephone type and telephone manufacturer. Basic Derwent Week: 200367

9/3,K/3 (Item 3 from file: 350) Links
Fulltext available through: Order File History
Derwent WPIX

0009686925 & & *Drawing available*
WPI Acc no: 1999-132531/199911
Related WPI Acc No: 1999-132000; 1999-132001; 1999-132667; 2001-456850; 2001-475305; 2001-606950; 2001-610300; 2001-625708; 2003-166293; 2003-175424; 2003-210794; 2003-222163; 2003-222228; 2003-229725; 2003-229726; 2003-239588; 2003-239589; 2003-239590; 2003-239591; 2003-239593; 2003-333552; 2003-342902; 2003-482654; 2003-646396; 2003-800918; 2003-833661; 2003-845274; 2003-845275; 2003-845276; 2003-845277; 2003-845278; 2003-854382; 2004-011621; 2004-082622; 2004-091066; 2004-120700; 2004-485753; 2004-551790; 2004-660441; 2004-782752; 2004-812729; 2004-812736; 2005-250787; 2005-252476; 2005-333884; 2005-456728; 2005-520820; 2005-540506; 2005-552644; 2005-562627; 2005-615968; 2005-616098; 2005-701524; 2006-017827; 2006-027703; 2006-036897; 2006-036898; 2006-036919; 2006-147966; 2006-202128; 2006-243466; 2006-260759; 2006-291535; 2006-291793; 2006-300810; 2006-321962; 2006-321963; 2006-322098; 2006-329235; 2006-329236; 2006-329237; 2006-453117; 2006-556189; 2006-725305; 2006-745150; 2006-745361; 2006-745362; 2006-754043; 2006-

796718; 2006-796719; 2007-014889; 2007-033222; 2007-054118; 2007-137357; 2007-137463; 2007-172639; 2007-198516; 2007-237895; 2007-269529; 2007-397172; 2007-521656; 2007-523044; 2007-532702; 2007-542486; 2007-557905; 2007-571246; 2007-599246; 2007-636417; 2007-636419; 2007-636465; 2007-648508; 2007-784720; 2007-784721; 2007-828507; 2008-D13270; 2008-D50073; 2008-E20705; 2008-F30883; 2008-G22383
XRPX Acc No: N1999-096503
Camera system with instant printout function - has portable hand held unit for imaging scenes of area image sensor and printing such scenes directly out of camera transversal using printer
Patent Assignee: LAPSTUN P (LAPS-I); ROBERT W S (ROBE-I); SILVERBOOK K (SILV-I); SILVERBROOK K (SILV-I); SILVERBROOK RES PTY LTD (SILV-N); SLIVERBROOK K (SLIV-I); WALMSLEY S R (WALM-I); WALSMLEY S R (WALS-I)
Inventor: LAPSTUN P; ROBERT W S; SILVERBOOK K; SILVERBROOK K; SIMON R W; SLIVERBROOK K; WALMSLEY S; WALMSLEY S R; WALSMLEY S R; SILBERBROOK K
Patent Family (354 patents, 82 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999004368	A1	19990128	WO 1998AU544	A	19980715	199911	B
AU 199883235	A	19990210	AU 199883235	A	19980715	199925	E
EP 1021794	A1	20000726	EP 1998933349	A	19980715	200037	E
			WO 1998AU544	A	19980715		
US 6106147	A	20000822	US 1998112791	A	19980710	200042	E
US 6137500	A	20001024	US 1998112797	A	19980710	200055	E
US 6195150	B1	20010227	US 1998112739	A	19980710	200114	E
US 6196541	B1	20010306	US 1998112740	A	19980710	200115	E
US 6217165	B1	20010417	US 1998112783	A	19980710	200123	E
US 6224780	B1	20010501	US 1998112822	A	19980710	200126	E
US 6225138	B1	20010501	US 1998113114	A	19980710	200126	E
US 6227648	B1	20010508	US 1998112776	A	19980710	200128	E
US 6231772	B1	20010515	US 1998113113	A	19980710	200129	E
US 6235212	B1	20010522	US 1998112825	A	19980710	200130	E
US 6241904	B1	20010605	US 1998113115	A	19980710	200133	E
US 6271931	B1	20010807	US 1998112829	A	19980710	200147	E
US 6286935	B1	20010911	US 1998113080	A	19980710	200154	E
US 6289262	B1	20010911	US 1998112749	A	19980710	200154	E
US 6290861	B1	20010918	US 1998113110	A	19980710	200157	E
US 6294101	B1	20010925	US 1998113088	A	19980710	200158	E
US 6299786	B1	20011009	US 1998113129	A	19980710	200162	E
US 6304291	B1	20011016	US 1998112789	A	19980710	200164	E
US 6305770	B1	20011023	US 1998112795	A	19980710	200165	E
US 6315200	B1	20011113	US 1998112784	A	19980710	200173	E
US 6317192	B1	20011113	US 1998113055	A	19980710	200173	E
US 6318849	B1	20011120	US 1998113103	A	19980710	200174	E
US 6322181	B1	20011127	US 1998112748	A	19980710	200175	E
US 20010048509	A1	20011206	US 1998112834	A	19980710	200203	E
			US 1998113053	A	19980710		
			US 1998113101	A	19980710		
			US 2001922105	A	20010806		
JP 2001523900	W	20011127	WO 1998AU544	A	19980715	200204	E
			JP 2000503510	A	19980715		
US 6329990	B1	20011211	US 1998112805	A	19980710	200204	E
US 6331946	B1	20011218	US 1998112737	A	19980710	200205	E
US 6334190	B1	20011225	US 1998113223	A	19980710	200206	E
			US 2000517380	A	20000302		
US 6350023	B1	20020226	US 1998112834	A	19980710	200220	E
US 6356715	B1	20020312	US 1998113058	A	19980710	200221	E
US 20020030712	A1	20020314	US 1998113053	A	19980710	200222	E
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US 20020033854	A1	20020321	US 1998113053	A	19980710	200224	E
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US 6353772	B1	20020305	US 1998112792	A	19980710	200224	E
US 6357135	B1	20020319	US 1998112758	A	19980710	200224	E
US 6362868	B1	20020326	US 1998113053	A	19980710	200226	E
US 6362869	B1	20020326	US 1998113069	A	19980710	200226	E
US 6366693	B1	20020402	US 1998112804	A	19980710	200226	E
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US 6398328	B1	20020604	US 1998112824	A	19980710	200242	E
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US 20020071104	A1	20020613	US 1998113053	A	19980710	200243	E
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US 20020080335	A1	20020627	US 1998113053	A	19980710	200245	E
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US 6415054	B1	20020702	US 1998113051	A	19980710	200248	E
US 6416154	B1	20020709	US 1998113053	A	19980710	200253	E
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US 6431669	B1	20020813	US 1998113063	A	19980710	200255	E
US 6431704	B1	20020813	US 1998112823	A	19980710	200255	E
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US 6472052	B1	20021029	US 1998112744	A	19980710	200274	E
US 6476863	B1	20021105	US 1998113070	A	19980710	200276	E
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US 6618117	B2	20030909	US 1998113053	A	19980710	200361	E
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US 6636216	B1	20031021	US 1998113224	A	19980710	200370	E
US 6641255	B2	20031104	US 1998112778	A	19980710	200374	E
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			US 2002291707	A	20021112		
US 6644771	B1	20031111	US 1998113053	A	19980710	200382	E
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US 20040004698	A1	20040108	US 1998113071	A	19980710	200404	E
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US 20040008261	A1	20040115	US 1998113067	A	19980710	200406	E
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AU 2002301825	A1	20030306	AU 199883237	A	19980715	200433	NCE
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SG 135910	A1	EN				
SG 135911	A1	EN				
US 20070296836	A1	EN			Division of application	US 1998112757
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US 7311257	B2	EN			C-I-P of application	US 1998113053
					Continuation of application	US 2001922112
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					Continuation of application	US 200413381
					C-I-P of patent	US 6362868
					Continuation of patent	US 6702417
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US 7312845	B2	EN			Continuation of application	US 1998113053
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US 20080013797	A1	EN			Continuation of application	US 1998112746
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AU 2006252202	B2	EN			Division of application	AU 2006203377
AU 2006252265	B2	EN			Division of application	AU 2006203375
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US 7324142	B2	EN			Continuation of application	US 1998112790

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					C-I-P of patent	US 6416167
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US 7360865	B2	EN			Continuation of application	US 1998113060
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					Continuation of patent	US 6669332
					Continuation of patent	US 6880918
					Continuation of patent	US 7337532
US 7375746	B2	EN			Continuation of application	US 1998112757
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US 7377706	B2	EN			Continuation of application	US 1998113057
					Continuation of application	US 2003729097
					Continuation of patent	US 6850274
					Continuation of patent	US 7187404

Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:the processing circuitry. The processing circuitry is configured to convert the pixel data to print image data. A printhead interface is connected to the processing circuitry for receiving the print image data from the processing circuitry and for providing signals representing

the print image data to the printhead so that the printhead can carry out said printing operation to generate a printed representation... ... A convenient form of text editing in a camera device utilizing complex character sets is disclosed. The device includes a digital camera device able to sense an image; a manipulation data entry card adapted to be inserted into the digital camera device and to provide manipulation instructions for manipulating the image, including the addition of text to the image; a text entry device for the entry of the text which includes a series of non-roman font characters utilised by the digital camera device in conjunction with the manipulation instructions so as to create new text characters for addition to the image. The font characters are transmitted to the digital camera device when required ... an auto exposure setting, the method comprising the step of utilising the information to process a sensed image, utilising step comprises utilising the auto exposure setting to determine an advantageous re... ... storage device by an apparatus includes a memory space which contains encrypted data defined by a message authentication code (MAC) applied to data relating to a consumable stored by the device and by at least one secret key (K) shared by the apparatus for decryption of the data. The MAC is a construction of a cryptographic function... ... an array of such sensors. The actuating formation is configured to represent data relating to a characteristic of the printing cartridge so that the capacitive sensors, when actuated, together generate a signal carrying such data. ... ... detachable module inside said camera system;said camera system comprising a portable hand held unit for the imaging of scenes by said area image sensor and printing said scenes directly out of said... ... includes an integrated circuit. The integrated circuit is configured to define two secret keys K1 and K2, a random function which returns a random number R and a first parameter being... ... of the integrated circuit and to define a test function operable on data using the secret key K2 of the integrated circuit to return a one or a zero. A control system is configured to ca... resolution of the two-dimensional pattern and is configured to generate program data represented by the two-dimensional pattern in an external format, the data itself representing an image processing program. A reader interface is connected to the reader to receive the program data from the reader, the reader interface being configured to transform the program data to an internal format suitable for processing. A processor is connected to both the reader and the reader... ... a viewed image to be printed on media and for generating pixel data representing the viewed image. A printing mechanism is arranged on the housing. The printing mechanism defines a media... ... image sensor interface is connected to the processing circuitry for receiving pixel data from the image sensor, converting the pixel data into an internal format and writing the converted pixel data to the processing circuitry. The processing circuitry is configured to convert the pixel data to print image data. A printhead interface is connected to the processing circuitry for receiving the print image data from the processing circuitry and for providing signals representing the print image data to the printhead so that the printhead can carry out said printing operation to generate a printed representation... ... An integrated circuit including: non-volatile memory for containing secret information; and a detection unit for preventing at least one form of power supply attack on the secret information, the detection unit comprising:a first comparator having a first input connected to a first reference voltage and... ... signal to delete, overwrite, or otherwise render unreadable at least the secret information in the memory when the first detection signal is output by the first comparator... ... with a media cartridge with a supply of media substrate, and an information store with information about the media substrate. The camera has an image sensor for capturing an image, an image processor for processing image data from the image sensor and transmitting processed data to a printhead, and a cartridge interface for accessing the information such that the image processor can utilise the information relating to the media substrate. ... image sensor for capturing an image, an image processor for processing image data from the image sensor and transmitting processed data to a printhead, and, an effects interface for user input of one or more predetermined image manipulations; such that, the processed data transmitted to the printhead incorporate the selected image manipulations. This allows the user to print manipulated images directly... ... A digital camera with an auto exposure setting that adjusts the image data captured by the CCD in response to the lighting conditions at image capture; and,an image processor for processing image data from the CCD and storing the processed data; wherein,the image processor is adapted to use information from the auto exposure setting relating to the lighting conditions at image capture when processing the image data from the CCD. ... ... An information storage card with one side printed with text and or images and the opposing side printed with encoded information readable by an optical sensor and decodable by a microprocessor, wherein the encoded information is repeated at different locations on the opposing side of the card such that localized card damage or... ... do not prevent the sensor and the microprocessor from decoding the encoded information. Preferably, the encoded information is distributed across substantially the total of the second surface of the identifying card. The encoded information can be printed on the second surface and the text and or images can comprise business contact details for the owner of the card. The encoded information can include company information for a company associated with the owner... ... A system to manipulate image data includes an apparatus having a processor that is responsive to an encoded card reader. The system further includes... ... reader. The instructions cause the processor to apply various effects to image data stored in a memory of the apparatus. A further card is provided that contains instructions for the processor... ... in order that multiplicative image effects can be applied to the image data. An operator of the system is able to control the effects that are applied to the image data by varying the order in which cards are applied to the apparatus... ... an array of such sensors. The actuating formation is configured to represent data relating to at least one of: a serial number of the cartridge, a media and a media colorant... ... that the capacitive sensors, when actuated, together generate a signal carrying such data A printhead chip includes adiv xhtml:class="paragraph">An image manipulation and printing device is arranged to recover data stored in a pattern printed upon a card. The device includes a linear image sensor that incorporates an... ... media (and media colorant). The integrated circuit device has memory circuitry carrying data relating to the media (and media colorant) and communicates the data relating to the media (and media colorant) to the printing system when the integrated circuit device is interfaced... ... includes an image capturing assembly for capturing an image and generating image data. Processing circuitry is connected to the image capturing assembly for receiving the image data, processing the image data and generating print data. A printer is connected to the processing circuitry to receive the print data, the printer being connectable to a consumable print roll to be validated, such that the processing circuitry is... ... state. The general operational circuits respond by either resetting or deleting critical data from memory such as the integrated circuit's authentication key. In a preferred version a number of trigger transistors connected to g... A data storage device includes a data carrier having at least one planar surface. An array of detectable items is positioned on the planar surface... ... via a crossbar switch. The crossbar switch is selectively configurable to pass data of the sensed

image directly between the processing elements... device to operate in the operation mode. Methods of determining an output data of sensed data are also disclosed. ... ... comprising a card interface for receiving a card having encoded image effect information printed on a first surface and an image transformed by the image effect printed on a second surface, a card reader for reading and decoding the encoded image effect information printed on the first surface of the card, an image processor for processing an image in accordance with the decoded image effect information and an image output for outputting the processed image. The processed image is transformed by the image effect... ... the pixel pattern. The bit pattern is written as bytes to a data storage means of the image processing device. The resultant byte pattern is processed... A data card reader for an electronic apparatus is arranged to read an optical pattern printed upon a data card. The reader includes a card transport assembly to move the data card along a path and a reading assembly that traverses the path to read the pattern. The reading... ... discrete lenses. In use, light from the LEDs is focused on the data card by the
elongate lens and reflected back onto the discrete lenses. The discrete lenses in turn focus... ... the machine comprises a book reader and the card includes a books contents for display by the book reader as indicated by the visual representation on the front of the card... ... A data card reader for optically reading data from a card includes a reader unit and a card transport assembly. The reader unit includes an elongated... ... lens that is disposed to focus light from internal LEDs onto the data card. A series of light sensors are disposed along the transparent material beneath an array of corresponding reflected div xhtml:class="paragraph">A card reader for reading data from a data card includes a support. A light source is supported by the support and is configured to emit light toward the data card. A sensor is supported by the support and is configured to sense the data being carried by reflected light from the data card. A translucent cover is mounted to the support and defines recesses in which the light source and... ... configured to generate a random number, and is configured to generate reference information using the generated random number and the secret key. A control system: is configured to receive the reference information from the first integrated circuit, is configured to receive authenticity information from a second integrated circuit positioned on the device whereby the authenticity information is generated by the second integrated circuit using the generated random number and the secret key, and is configured to compare the reference and authenticity information received from the integrated circuits to validate the authenticity of the device... ... a printer, the processor comprising: an input interface for receiving input image data; and, a very long instruction word (VLIW) processor connected to the input interface for processing the input image data to generate output image data. ... ... first integrated circuit which is configured to generate a random number, reference information using the random number and a secret key. A control system is configured to: receive the random number and the reference information from the first integrated circuit, receive validation information from a second integrated circuit positioned on the device whereby the validation information is generated by the second integrated circuit using the random number and the secret key, and compare the reference and validation information received from the integrated circuits to validate the device. ... is configured to generate a random number, and is configured to generate encrypted information using the generated random number and the first key. A control system is configured to: receive the encrypted information and random number from the first integrated circuit, send the encrypted information to a second integrated circuit positioned on the device, receive decrypted information from the second integrated circuit whereby the decrypted information is generated using the encrypted information and a second key, and compare the random number and decrypted information received from the respective integrated circuits to validate the device... ... An interconnected camera system includes a number of cameras interconnected via a data communications protocol. Each camera has an image sensor configured to capture an image. A card is configured... ... of processing involves detecting a face within the image, and applying a graphical object at a location within the image and relative to the detected face. The graphical object may be a speech bubble... ... central processor for a camera having printing capabilities has a CPU core. A data cache is connected to the core. A vector processor is connected to the core via the data cache. A RAM interface is connected to the data cache to permit communication with a RAM. An input buffer is connected to the processor. An image... ... A card reader for reading data from a data card includes a support. A light source is supported by the support and is configured to emit light toward the data card. A sensor is supported by the support and is configured to sense the data being carried by reflected light from the data card. A translucent cover is mounted to the support ... A data structure is printed using infra-red ink. The data structure includes a two dimensional array of data blocks. Each adjacent pair of data blocks is separated by a gap and each of the data blocks has a data region holding encoded data. Each data region is confined by clock-marks and borders to facilitate location of the data region and recovery of data from within the data region. Each of the data blocks is associated with targets to facilitate location of its data region. ... ... An information storage apparatus is disclosed for storing information on inserted cards the apparatus comprising a sensing means for sensing printed patterns on the surface stored... ... the card; a decoding means for decoding the sensed printed patterns into corresponding data; a printing means for printing dot patterns on the card in at least one of the active... ... decoding means is adapted to decode the sensed printed patterns into corresponding current data and, when the current data requires updating, the printing means is adapted to print the updated current data at a new one of the active areas after activation of the positioning means for correctly position...A method of information distribution on printed cards is disclosed including the steps of dividing the surface of the card into a number of predetermined areas; printing a first collection of data to be stored in a first one of the predetermined areas; utilizing the printed first predetermined area when reading information stored on the card; and when the information stored on the card is to be updated, determining a second one of the predetermined areas to print further information stored on the card, the second area not having being previously utilized to print data. The areas are selected in a predetermined order and the printing utilizes a high resolution ink dot printer for printing data having a degree of fault tolerance with the fault tolerance, for example, coming from Reed-Solomon encoding of the data. Printed border region delineating the border of the area can be provided, in addition to a number... ...small region of a second color located centrally in the first area. The data is printed utilizing a high frequency modulating signal such as a checkerboard pattern. The printing can be...corresponding computer system for the storage of a series of image manipulation card data necessary for the construction of the image manipulation cards; the computer systems being interconnected via a computer... ...the printer systems. The computer systems store the series of image manipulation card data in a cached manner over the computer network and card distribution computer is also responsible for the... ...an image; storage means for storing the sensed image and associated system structures; data input means for

the insertion of an image modification data module for modification of the sensed image; processor means interconnected to the image sensor, the storage means and the data input means for the control of the camera system in addition to the manipulation of the sensed... ...on print media supplied to the printer means; including providing an image modification data module adapted to cause the processor means to perform a series of diagnostic tests on the digital... ...means. Preferably, the image modification module can is comprise a card having instruction data encoded on one surface thereof and the processor means includes means for interpreting the instruction data encoded on the card. The diagnostic tests can include a cleaning cycle for the printer means so...encoding properties; printing out the encoded form of the image as a permanent record of the image utilizing the integral printer means. Preferably, the integral printer means includes means for printing... ...such as a checkerboard pattern to the encoded form such that the permanent record includes repeatable high frequency spectral components. The print media can be supplied in a print roll means... ...A data structure is disclosed encoded on the surface of an object comprising a series of block data regions with each of the block data regions including: an encoded data region containing data to be decoded in an encoded form; a series of clock marks structures located around a first peripheral portion of the encoded data region; and a series of easily identifiable target structures located around a second peripheral portion of the encoded data region. The block data regions can further include an orientation data structure located round a third peripheral portion of the encoded data region. The orientation data structure can comprises a line of equal data points along an edge of the peripheral portion. The clock marks structures can include a first line of equal data points in addition to a substantially adjacent second line of alternating data points located along an edge of the encoded data region. The clock mark structures can be located on mutually opposite sides of the encoded data region. The target structures can comprise a series of spaced apart block sets of data points having a substantially constant value of a first magnitude except for a core portion of a... ...comprising a contiguous group of the values of the substantially opposite magnitude. The data structure is ideally utilized in a series of printed dots on a substrate surface... ...the sensed image in accordance with a predetermined processing requirement, if any; an audio recorder for recording an audio signal to be associated with the sensed image; a printer for printing the processed sensed image on ...with the camera system, in addition to printing an encoded version of the audio signal on a second area of the print media. Preferably the sensed image is printed on a first surface of the print media and the encoded version of the audio signal
is printed on a second surface of the print media. The print media can be is ... ...sensed image and a second pring head for the encoded version of the audio signal. The encoding can include Reed-Solomon encoding of the audio-signal. The encoded version can be further modulated with a high frequency component such as a checkerboard... ...This invention concerns a system for the manipulation of secure data which includes electronics or software, or both, that are designed to operate within a specific clock speed...A portable imaging system for viewing distant objects is disclosed comprising an optical lensing system for magnifying a viewed distant object; a sensing system for simultaneously sensing said viewed distant object; a processor means interconnected to said sensing system for processing said sensed image and forwarding it to... ...a system of binoculars with a beam splitting device which projects said distant object onto said sensing system... ...color by no more than the global color difference limit. The resultant image object is located within the image and the image can be processed by a handheld camera utilizing the processed information. ... ...chip. If so then it re-encrypts the random number together with a data message using a second key and sends it back with the data message. The trusted chip then encrypts the data message and random number with the second key for comparison...The invention relates to a method of generating print data from a printed image produced by a printing device operating at a first dots per inch (dpi... ...dot of the image results in the generation of at least two markers. Data relating to the position and colour value of each marker is generated. The defects in the image are detected and a data value is assigned to such defects. The data is processed and the data value is used to determine which of each of the markers generated for a respective dot should be recorded as a center for that dot. Print data is generated as a result of the processing step, the print data relating to the position and print value of the markers determined as a result of processing the data. ... ...A method of rapidly decoding, in real time, sensed image data stored at a high pitch rate on a card. The method includes the steps of detecting the initial position of the image data, and decoding the image data so as to determine a corresponding bit pattern of the image data. Further, the step of decoding commences prior to completion of the step of detecting... ...two dimensional code is positioned on the housing. The two dimensional code carries data relating to at least one of: a serial number of the cartridge, a media and a media... ...A system for authenticating physical objects in which the authentication key cannot be determined by reverse engineering the software or hardware of a... ...the same secret authentication key, are used. ChipA is attached to the physical object to be authenticated. ChipT is attached to the authenticating product. ChipA and ChipT are compared using a... Alternatively the machine comprises a book reader and the card includes a books contents for display by the book reader as indicated by the visual representation on the front of the... ... surface to be painted on; defining a painting bump map of a painting object to be painted on the surface; combining the image canvas bump map and the painting bump map... ... A method of accurately determining the location of dots of sensed image data amongst an array of dots of image data in a fault tolerant manner, said data stored at a high pitch rate on a card and subject to rotations, warping and marking effects, said method comprising the steps of:processing the image data in a column by column format;recording the dot pattern of previously processed columns of pixels;generating... ... comparing the expected dot pattern with an actual dot pattern of sensed image data at said current column position;if said comparison produces a match within a predetermined error, utilising said ... positioned on the housing. The integrated circuit device has memory circuitry that carries data relating to at least one of a serial number of the cartridge, a media and a media... ... switch actuators is positioned on the housing. The array of switch actuators represents data relating to at least one of: a serial number of the cartridge, a media and a media... ... array is actuated by the array of switch actuators, a signal carrying such data can be generated... ... processing apparatus includes an image sensor that is capable of generating signals carrying data relating to an image sensed by the image sensor. The apparatus includes a microcontroller. The microcontroller includes... ... and apparatus for producing a warped image from an input image. Image warp data encoded as an image on a card is read by a data reader in a camera. Each element of the warp map maps a corresponding region in an input image to a pixel location o... radio frequency tag is positioned on the housing. The radio frequency tag carries data relating to at least one of: a serial number of the cartridge, a media and a media... ... system structures; a card reader sensor for the insertion of an image modification

data module for modification of the sensed image; and a processor interconnected to the image sensor, the memory... ... demand on print media; and includes a method of providing an image modification data module adapted to cause the processor to modify the operation of the digital camera upon the insertion of further image modification modules. The image modification data module can comprise a card having the data encoded in two dimensions on the surface thereof and the data encoding is in the form of printing and the card reader sensor includes an optical scanner for... ... A method of accurately detecting the value of a dot of sensed image data, said image data comprising an array of dots and said sensed image data comprising a sampling of said image data at a rate greater than the pitch frequency of said array of dots so as to produce... ... A convenient form of text editing in a camera device utilizing complex character sets is disclosed. The device includes a digital camera device able to sense an image; a manipulation data entry card adapted to be inserted into the digital camera device and to provide manipulation instructions for manipulating the image, including the addition of text to the image; a text entry device for the entry of the text which includes a series of non-roman font characters utilised by the digital camera device in conjunction with the manipulation instructions so as to create new text characters for addition to the image. The font characters are transmitted to the digital camera device when required and rendered by t... position sensing means said method comprising the step of utilizing the eye position information within the sensed image to process the image in a spatially varying sense, depending upon said location information. The utilizing step can comprises utilizing the eye position information to locate an area of interest within said sensed image. The processing can include the placement of... ... in an array of such sensors. The actuating formation is configured to represent data relating to at least one of: a serial number of the cartridge, a media and a media... ... so that the capacitive sensors, when actuated, together generate a signal carrying such data. ... ... including an auto exposure setting, the method comprising the step of utilizing the information to process a sensed image, utilizing step comprises utilizing the the auto exposure setting to determine an ... A identify card includes, on a first surface, human readable information relevant to the owner of the identify card and, on a second surface thereof, containing encoded information encoded in a highly fault tolerant manner, the information being adapted for sensing by a sensing device and decoded by a computational processor so as to provide information relevant to the owner in a human readable form. Preferably, the encoded information is distributed across substantially the total of the second surface of the identify card. The encoded information can be printed on the second surface and the human readable information can comprise business contact details for the owner of the identify card. The encoded information can include company information for a company associated with the owner... ... said print roll having a backing surface having a plurality of formatted postcard information printed at pre-determined intervals... ... output images. The camera includes a sensor for sensing an image and a texture mapper for adding texturing effect to the sensed image to produce a textured image. The camera also includes a display for ... actuators is positioned on the housing. The array of pressure sensor actuators represents data relating to at least one of: a serial number of the cartridge, a media and a media... ... is actuated by the array of pressure sensor actuators, a signal carrying such data can be generated... ... a writeable microcode store, an internal input and output FIFO for storing pixel data to be processed by the processing elements and the processor is interconnected to a read and write FIFO for reading and writing pixel data of images to the processor. Each of the processing elements can be arranged in a ring and... ... ALU and includes a number of internal registers for the storage of temporary data. The core processing units can include at least one of a multiplier, an adder and a barrel shifter. The processing elements are further connected to a common data bus for the transfer of a pixel data to the processing elements and the data bus is interconnected to a data cache which acts as an intermediate cache between the processing elements and a memory store for storing... A data structure encoded on a surface of an object, and a method of generating such a data structure.

The data structure includes a plurality of block data regions. Each of the block regions includes an encoded data region containing data in encoded form, a clock mark structure located adjacent a first peripheral portion of the encoded data region, and a target structure located adjacent the clock mark structure. Each of the block data regions further includes an orientation data structure indicative of an orientation of the data structure. ... ... is positioned on the housing. The integrated circuit device has memory circuitry carrying data relating to the media... ... in an array of such sensors. The actuating formation is configured to represent data relating to a characteristic of the printing cartridge so that the capacitive sensors, when actuated, together generate a signal carrying such data. ... ... the device to operate in the operation mode. Methods of determining an output data of sensed data are also disclosed.... linear reader for reading a barcode and a central processor capable of interpreting data carried on a barcode. The printing cartridge includes a housing. Media and media colorant supply arrangements are... ... the barcode being readable by the linear reader and defining a code representing data relating to the media and the media colorant... ... has a housing. An actuator formation is positioned on the housing and represents data relating to a characteristic of the printing cartridge. A printing mechanism is positioned in the body. The... ... combinations of capacitive sensors in the sensor array, when actuated, generate signals carrying data related to the characteristic of the printing cartridge. Such predetermined combinations of capacitive sensors are actuable by... ... body so that the array of capacitive sensors generates a signal carrying said data relating to the characteristic of the printing cartridge... ... with an actuating formation positioned on the printing cartridge. The actuating formation represents data relating to a characteristic of the cartridge, so that the capacitive sensors, when actuated, generate a signal carrying data relating to that characteristic. ... the device to operate in the operation mode. Methods of determining an output data of sensed data are also disclosed... ... on media dispensed from a print roll, which has a chip having predetermined information stored thereon. The camera also includes a processing system which is adapted to obtain the image from... ... the image to be printed on the media in accordance with the predetermined information. ... ... An image manipulation device is arranged to recover data stored in a pattern printed upon a card. The device includes a linear image sensor that incorporates... ... the device to operate in the operation mode. Methods of determining an output data of sensed data are also disclosed... said print roll having a backing surface having a plurality of formatted postcard information printed at pre-determined intervals... ... said print roll having a backing surface having a plurality of formatted postcard information printed at pre-determined intervals... ... obtain the image from the sensor; manipulate the image in accordance with predetermined data representing a respective manipulation and cause the manipulated image to be printed on the media... tamper state. The general operational circuits respond by either resetting or deleting critical data from memory such as the integrated circuit's authentication key. In a preferred version a number of... ... K1 of the integrated circuit and to define a test function operable on data using the secret key K2 of the integrated

circuit to return a one or a zero. A... ... provided comprising a card interface for receiving a card having encoded image effect information printed on a first surface and an image transformed by the image effect printed on a second surface, a card reader for reading and decoding the encoded image effect information printed on the first surface of the card, an image processor for processing an image in accordance with the decoded image effect information and an image output for outputting the processed image. The processed image is transformed by the image... ... A data storage device includes a data carrier having at least one planar surface. An array of detectable items is positioned on the planar... ... A data card reader for optically reading data from a card includes a reader unit and a card transport assembly. The reader unit includes an... ... emit lens that is disposed to focus light from internal LEDs onto the data card. A series of light sensors are disposed along the transparent material beneath an array of corresponding... ... it is decrypted using a secret key and re-encrytped together with a data message read from the untrusted chip. This is decrypted so that a comparison can be with the generated random number and the read data message. ... ... This invention concerns a method of shielding manipulations of secret data in an authentication chip from observation. In another aspect it concerns an authentication chip for performing the method. The secret data is manipulated in non-flashing CMOS structures, in which pMOS and nMOS transistors are driven such that... ... position sensing means said method comprising the step of utilizing the eye position information within the sensed image to process the image in a spatially varying sense, depending upon said location information. The utilizing step can comprises utilizing the eye position information to locate an area of interest within said sensed image. The processing can include the placement of... ... of media (and media colorant). The integrated circuit device has memory circuitry carrying data relating to the media (and media colorant) and communicates the data relating to the media (and media colorant) to the printing system when the integrated circuit device is ... output images. The camera includes a sensor for sensing an image and a texture mapper for adding texturing effects to the sensed image to produce a textured image. The camera also... ... is operatively connected to the programmable circuitry elements and is configured to provide data communication between the circuitry elements. An image sensor interface is connected to the processing circuitry and is configured to receive signals from an image sensor and to pass data representing the signals to the programmable processing circuitry... ... A data card reader for an electronic apparatus is arranged to read an optical pattern printed upon a data card. The reader includes a card transport assembly to move the data card along a path and a reading assembly that traverses the path to read the pattern. The... ... of discrete lenses. In use, light from the LEDs is focused on the data card by the elongate lens and reflected back onto the discrete lenses. The discrete lenses in turn... ... A card reader for reading data from a data card includes a support. A light source is supported by the support and is configured to emit light toward the data card. A sensor is supported by the support and is configured to sense the data being carried by reflected light from the data card. A translucent cover is mounted to the support and defines recesses in which the light source... ... step of sensing a viewed image to generate a viewed image signal carrying data representing the viewed image. The viewed image signal is communicated to a central processor. A printed data storage device on which optically detectable data representing an image processing program is printed is read to generate a program signal carrying data representing the program. The program signal is communicated to the central processor. The program is executed at... ... image in accordance with instructions carried by the program to generate output image data. ...Claims:that is positioned on the housing, the integrated circuit device having memory circuitry that carries data relating to at least one of: a serial number of the cartridge, a media and... ... a two dimensional code that is positioned on the housing, the two dimensional code carrying data relating to at least one of: a serial number of the cartridge, a media and... ... pressure sensor actuators positioned on the housing, the pressure sensor actuators being positioned to represent data relating to at least one of: a serial number of the cartridge, a media and... ... combination of pressure sensors in a pressure sensor array to generate a signal carrying such data.... ... and processing apparatus that comprises an image sensor that is capable of generating signals carrying data relating to an image sensed by the image sensor; anda microcontroller that comprisesa... ... capacitive sensors in an array of such sensors, the actuating formation being configured to represent data relating to at least one of: a serial number of the cartridge, a media and... ... media colorant, so that the capacitive sensors, when actuated, together generate a signal carrying such data.... said print media including a magnetic recording surface;a magnetic recording means for recording associated information on said magnetic recording surface... ... array of switch actuators positioned on the housing, the switch actuators being positioned to represent data relating to at least one of: a serial number of the cartridge, a media and... ... a predetermined combination of switches in a switch array to generate a signal carrying such data.... ... printing device with which the printing cartridge is engaged, the barcode defining a code representing data relating to the media colorant of the printing cartridge... ... imaging system to produce postcards having prepaid postage; andsending said prepaid postcards through the mail.... ... including an auto exposure setting means, said method comprising the step of utilising exposure setting information from said auto exposure setting means to process said sensed image in accordance with said ol>1. A identifying card comprisinga first surface carrying human readable information relevant to an owner of the identifying card; anda second, opposed surface carrying encoded information encoded in a highly fault tolerant manner, said encoded information being adapted for sensing by a sensing device and decoded by a computational processor, so as to provide information relevant to the owner in a human readable form, the encoded information comprising an array of dots applied to said second surface... ... an integrated circuit device positioned on the housing, the integrated circuit device having memory circuitry carrying data relating to the media... ... camera imaging system said print roll includes a backing surface having a plurality of formatted postcard information placed at pre-determined intervals... ... a) image capture means configured to capture a real image and convert it to captured image data;(b) input means configured to receive input image data from a source other than the camera;(c) image manipulation means configured to receive the input image data from the input means and manipulate it to form a manipulated image;(d) output m... We claim:1. An apparatus for adding user-supplied text to a digital still image comprising:(a) a manipulation instruction storage device adapted to... ... manipulation instructions, at least one of said image manipulation instructions comprising instructions for adding user-supplied text to a digital still image;(b) a text entry device comprising:(i) a user interface adapted to receive text from a user;(ii) a memory adapted to store character set information including character set information defining at least one character set in a non-roman font; and(iii) camera communication means adapted to communicate said user-supplied text and said character set

information to a digital still camera; and(c) a digital still camera comprising:(i) a... ... reader adapted to read said image manipulation instructions stored on said manipulation instruction storage device;(iii) text entry device communication means adapted to receive said user-supplied text and said character set information from said text entry device;(iv) image manipulation means adapted to manipulate said original digital still image... ... said image manipulation instructions to form a manipulated digital still image which includes said user-supplied text; and(v) a printer device adapted to print said manipulated digital still image... ... s eye when the image sensor is capturing the sensed image and to generate eye position information indicative of that position; and(c) a processor adapted to:(i) receive the sensed image from the image sensor and the eye position information from the eye position detector;(ii) determine, with reference to the eye position information, an area of interest within the sensed image; and(iii) process the sensed image... ... digital image manipulating process to the captured image, the digital image manipulating process utilizing non image data generated by the auto focus imaging system.ol>1. A method of determining an output data value of sensed data, the method comprising the steps of:(a) dividing a sensed data value into three contiguous regions comprising a middle region, a lower region, and... ... b) passing the first variable to the untrusted chip;c) receiving a third variable together with a data message from the untrusted chip, the third variable and the data message having been generated, in the untrusted chip, by a process including:d) decrypting... ... in the untrusted chip;e) applying the asymmetric encrypt function to the second variable together with a data message read from the untrusted chip using the secret key to produce a third variable;f) decrypting the third variable to generate a fourth variable and comparing the fourth variable and data message with the generated random number and the received data message;g) in the event of a match, considering the untrusted chip and the data message to be valid; otherwise considering the untrusted chip and the data message to be invalid... ... array of such sensors with an actuating formation positioned on the printing cartridge, the actuating formation representing data relating to a characteristic of the cartridge, so that the capacitive sensors, when actuated, generate a signal carrying data relating to that characteristic... ... 1. A data structure encoded on a surface of an object, said data structure comprising a plurality of block data regions, each of said block data regions including:an encoded data region containing data in encoded form;a clock mark structure located adjacent a first peripheral portion of said encoded data region; anda target structure located adjacent said clock mark structure;wherein each of said block data regions further includes an orientation data structure indicative of an orientation of said data structure.... body, the printing cartridge having a housing, an actuator formation being positioned on the housing and representing data relating to a characteristic of the printing cartridge;a printing mechanism that is... ... configured so that predetermined combinations of capacitive sensors in the sensor array, when actuated, generate signals carrying data related to the characteristic of the printing cartridge, such predetermined combinations of capacitive... ... is engaged with the body so that the array of capacitive sensors generates a signal carrying said data relating to the characteristic of the printing cartridge... ... 1. A method of determining an output data value of sensed data, the method comprising the steps of:(a) dividing a sensed data value into three contiguous regions comprising a middle region, a lower region, and... ... andswitching circuitry that is operatively connected to the programmable circuitry elements and is configured to provide data communication between the circuitry elements; andan image sensor interface that is connected to the processing circuitry and is configured to receive signals from an image sensor and to pass data representing the signals to the programmable processing circuitry... ... the method including the steps of:sensing a viewed image to generate a viewed image signal carrying data representing the viewed image;communicating the viewed image signal to a central processor;reading a printed data storage device on which optically detectable data representing an image processing program is printed to generate a program signal carrying data representing the program;communicating the program signal to the central processor; andexecuting... ... operation on the viewed image in accordance with instructions carried by the program to generate output image data... ... to the processing circuitry and is configured to receive signals from an image sensor and to pass data representing the signals to the programmable processing circuitry; anda printhead interface that is connected to the processing circuitry and is configured to receive data from the processing circuitry and to generate control signals to be received by ... processing circuitry; anda printhead interface that is connected to the processing circuitry and is configured to receive data from the processing circuitry and to generate control signals to be received... ... system being adapted to:obtain the image from the sensor; and,manipulate the image in accordance with predetermined data representing a respective manipulation; and,cause the manipulated image to be printed... ... for printing images on media dispensed from a print roll, the print roll comprising a chip having predetermined information stored thereon;a processing system, the processing system being adapted to:obtain... ... image from the sensor;cause the image to be printed on the media in accordance with the predetermined information... ... A handheld camera, said camera comprising:a sensor adapted to sense an image;an input for receiving predetermined data representing a respective form of data manipulation; and,a processing system, the processing system being adapted to:obtain the image from the sensor; and,manipulate the image in accordance with the predetermined data to thereby generate a manipulated image... ... positioned on the housing for sensing a viewed image to be printed on media and for generating pixel data representing the viewed image;a printing mechanism that is arranged on the hou... the housing, the processor comprisingprocessing circuitry;an image sensor interface connected to the processing circuitry for receiving pixel data from the image sensor, converting the pixel data into an internal format and writing the converted pixel data to the processing circuitry, the processing circuitry being configured to convert the pixel data to print image data; anda printhead interface connected to the processing circuitry for receiving the print image data from the processing circuitry and for providing signals representing the print image data to the printhead so that the printhead can carry out said... ... We claim:1. An apparatus for text editing an image comprising:a digital camera device able to sense an image;a manipulation data entry card adapted to be inserted into said digital camera device... ... provide manipulation instructions to said digital camera device for manipulating said image, said manipulation instructions including the addition of text to said image; anda text entry device connected to said digital camera device for the entry of said text for addition to said image wherein said text entry device includes a series of non-roman font characters utilised by said digital camera device in conjunction with said manipulation instructions so as to create new text characters for addition to said image... ... authentication of a consumable storage device by an apparatus, the integrated circuit

comprising a memory space which contains encrypted data defined by a message authentication code (MAC) applied to data relating to a consumable stored by the device and by at least one secret key (K) shared by the apparatus for decryption of the data, the MAC being a construction of a cryptographic functionthe actuating formation being configured to represent data relating to a characteristic of the printing cartridge, so that the capacitive sensors, when actuated, together generate a signal carrying such data... ... number R using the secret key K1 of the integrated circuit and to define a test function operable on data using the secret key K2 of the integrated circuit to return... resolution capacity of at least twice the resolution of the two-dimensional pattern and being configured to generate program data represented by the two-dimensional pattern in an external format, the data itself representing an image processing program;a reader interface that is connected to the reader to receive the program data from the reader, the reader interface being configured to transform the program data to an internal format suitable for processing; anda processor thata viewed image to be printed on media and for generating pixel data representing the viewed image;a printing mechanism that is arranged on... ... the housing, the processor comprisingprocessing circuitry;an image sensor interface connected to the processing circuitry for receiving pixel data from the image sensor, converting the pixel data into an internal format and writing the converted pixel data to the processing circuitry, the processing circuitry being configured to convert the pixel data to print image data; anda printhead interface connected to the processing circuitry for receiving the print image data from the processing circuitry and for providing signals representing the print image data to the printhead so that the printhead can carry out said... ... We claim:1. An integrated circuit including: non-volatile memory for containing secret information; and a detection unit for preventing at least one form of power supply attack on the secret information, the detection unit comprising:a first comparator having a first input... ... voltage; andan output to provide a signal to delete, overwrite, or otherwise render unreadable at least the secret information in the memory when the first detection signal is output by... ... use with a media cartridge comprising a supply of media substrate on which images can be printed, and an information store with information relating to the media substrate, the camera comprising:an image sensor for capturing an image;an image processor for processing image data from the image sensor and transmitting processed data to a printhead; and,a cartridge interface for accessing the information such that the image processor can utilise the information relating to the media substrate... ... claim:1. A digital camera comprising:an image sensor for capturing an image;an image processor for processing image data from the image sensor and transmitting processed data to a printhead; and,an effects interface for user input of one or more predetermined image manipulations; such that,the processed data transmitted to the printhead incorporate the selected image manipulations... ... and storing an image, the camera comprising:an image sensor with a charge coupled device (CCD) for capturing image data relating to a sensed image, and an auto exposure setting for adjusting the image data captured by the CCD in response to the lighting conditions at image capture; and,an image processor for processing image data from the CCD and storing the processed data; wherein,the image processor is adapted to use information from the auto exposure setting relating to the lighting conditions at image capture when processing the image data from the CCD.

9/3,K/4 (Item 4 from file: 350) Links
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WPI Acc no: 1993-346196/199344
XRPX Acc No: N1993-267395
Pocket appts. for post-marking and validating of bank cheques - uses reader to take bank number from cheque and accept validation code before printing amount in machine-readable characters.
Patent Assignee: KRATER ANSTALT (KRAT-N); LE CHEVALIER DE PREVILLE Y (DPRE-I)
Inventor: LE CHEVALIER DE PREVILLE Y
Patent Family (3 patents, 5 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 567712	A1	19931103	EP 1992810312	A	19920429	199344	B
EP 567712	B1	19970903	EP 1992810312	A	19920429	199740	E
DE 69222028	E	19971009	DE 69222028	A	19920429	199746	E
			EP 1992810312	A	19920429		

Priority Applications (no., kind, date): EP 1992810312 A 19920429

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 567712	A1	FR	7	2		
Regional Designated States,Original	CH DE FR GB LI					
EP 567712	B1	FR	9	2		
Regional Designated States,Original	CH DE FR GB LI					
DE 69222028	E	DE			Application	EP 1992810312
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Original Publication Data by AuthorityArgentinaPublication No. ...Claims:l'execution de ses diverses fonctions, - une memoire vive statique permettant le stockage de tout information fournie par le processeur. - un interrupteur mecanique de contact qui declenche le moteur lors de l'introduction d'un cheque. - une alimentation electrique par piles... ... welche Handlung von ihm erwartet wird - Einen statischen RAM zur Speicherung jeder vom Prozessor gelieferten Information,

wobei der Prozessor fuer die Ausfuehrung der arithmetischen Grundoperationen konzipiert ist und dadurch bewirkt, dass das Geraet als Taschenrechner dienen kann, um die Festspeicher und den statischen RAM, die ueber die Tastatur und die durch das Lesesystem erfolgten Eingaben sowie die Ausgaben zur Anzeige, zu... ... 1. Hand-held autonomous device ... account number, written in characters recognisable by an automatic system, on a cheque of standard format introduced in the device by the operator, - a keyboard and a display enabling the operator to introduce a secret code and the amount of the cheque, - a semiconductor electronic processor set up to control that the account number read on the cheque and the secret code introduced by the operator correspond to those stored on the read-only memory, the processor operating on any number of bits, - a printing system which allows the inscription on the cheque, in characters recognisable by an automatic system, of the amount of the said cheque, - a motor which moves the cheque through the reading system... ... is expected of the operator, - a static random access memory allowing the storage of all information provided by the processor, the processor being set up to execute basic arithmetical operations thus... ... only memories and the static random-access memory, the inputs made with the keyboard and those made by the reading system, as well as the outputs to the display, the light... ... ...

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